



AVOX Systems

SERVICE INFORMATION LETTER

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OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

TEST DATA SHEET FOR P/N 289-701 Series Passenger Oxygen Masks

1. BACKGROUND

- A. This SIL provides a standardized form on which to record the results of the required functional tests in Component Maintenance Manual 35-22-27 that must be passed in order to return a unit to service. This form will be incorporated into the Component Maintenance Manual at the next revision.
- B. You are authorized to copy the form on page 2. If you copy the form on page 2, you must copy all of the form.
- C. Use this form only for the AVOX Systems component printed on the form. Do not use this form for any other AVOX Systems components or for any components of another company.

2. EFFECTIVITY

- A. Aircraft
The Test Data Sheet on page 2 can be used for all units whether removed from any aircraft or from spares inventory.
- B. This SIL applies to P/N 289-701 Series Passenger Oxygen Masks only.

3. MATERIALS

The only material required by this SIL is the Test Data Sheet on page 2.

4. ACCOMPLISHMENT OF SIL

- A. Make complete copies of the Test Data Sheet on page 2.
- B. Use a copy of the Test Data Sheet from page 2 to record the results of tests whenever a P/N 289-701 Series Passenger Oxygen Mask is tested.

5. TO CONTACT AVOX SYSTEMS:

Use the contact information below to get a copy of a Component Maintenance Manual or the revision status of a publication. Give the AVOX Systems part number and the aircraft model when you request a Component Maintenance Manual copy.

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COMPONENT MAINTENANCE MANUAL 35-22-27
TEST DATA SHEET
289-701 Series Passenger Oxygen Mask

Tested by: _____

Date: _____

Part Number: 289-701-_____

Inspected by: _____

Date: _____

Serial Number: _____

Refer to the Check and the Testing and Trouble Shooting sections of COMPONENT MAINTENANCE MANUAL 35-22-27.**1. thru 5. Check**

Inspect the assembly, subassemblies, and components for evidence of external damage, wear, and overall condition. Verify no evidence of deterioration to elastomer components. Verify that any parts that are no longer serviceable have been replaced.

☐ FAILPASS ☐**4. Test Procedures****A. Inlet Flow Test**

Perform an inlet flow test.

Flow lpm (cfm)	Manometer Reading in H ₂ O (Pa)	
30 (1.1)	-0.8 (-0.2) MAX	☐ FAIL PASS ☐

4. Test Procedures**B. Exhaust Flow Test**

Perform an exhaust flow test.

Inlet Pressure psig (kPa)	Flow lpm (cfm)	Manometer Reading in H ₂ O (Pa)	
5.0 (34)	30 (1.1)	1.1 (0.3) MAX	☐ FAIL PASS ☐

4. Test Procedures**C. Flow Indicator Test**

Perform a flow indicator test.

Inlet Pressure psig (kPa)	Flow (lpm)		First Trial	Repeated Trial
5.0 (34)	0.5	The Flow Indicator Shows a Green Stripe or Green Indicator on Bag Inflates	☐ FAIL PASS ☐	☐ FAIL PASS ☐
5.0 (34)	0	The Flow Indicator no longer Shows a Green Stripe or Green Indicator on Bag Remains Deflated	☐ FAIL PASS ☐	☐ FAIL PASS ☐

NOTE: FLOWS ARE GIVEN FOR OXYGEN TEST GAS @ NTPD.
APPLY THE APPROPRIATE CORRECTION FACTOR IF ANOTHER MEDIUM IS USED.